

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005003**Date Inspected:** 13-Dec-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG and SAS Tower Fabrication				

Summary of Items Observed:

Bay 4:

This QA performed VT and 10% Magnetic Particle Testing(MT) of fillet/PJP+fillet welds on stiffener/flange to web plate of double diaphragm for green tagging;

a)ESD1-77M double diaphragm– deemed acceptable

This QA performed VT and 10% Magnetic Particle Testing(MT) of fillet welds of 3-open rib stiffener to deck panel on the following for green tagging;

b)DP653-001-001~006 – deemed acceptable

c)DP661-001-001~006 – deemed acceptable

d)DP669-001-001~006 – deemed acceptable

e)DP645-001-001~006 – deemed acceptable

This QA also performed VT/MT on the repair of EP084B CWR23.

For further details regarding this test, please see my daily report TL-6028 on this day.

Summary of Conversations:**Comments**

WELDING INSPECTION REPORT

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This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ryan Smith, (858) 232-6799, who represents the Office of Structural Materials for your project.

Inspected By: Lizardo, Joselito

Quality Assurance Inspector

Reviewed By: Cuellar, Robert

QA Reviewer